

INTERNATIONAL SEARCH REPORT

International Application No
PCT/BR 03/00185

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 G01R31/28

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 G01R

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

WPI Data, EPO-Internal, PAJ, INSPEC, COMPENDEX, IBM-TDB

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	EP 0 059 774 B (BAUKNECHT HAUSGERAETE) 15 September 1982 (1982-09-15) claim 1	1
A	DE 100 19 612 A (LEAR AUTOMOTIVE ELECTRONICS GM) 31 October 2001 (2001-10-31) column 2, line 27 -column 3, line 3 figure 1	1,12
A	US 6 356 853 B1 (SULLIVAN DANIEL B) 12 March 2002 (2002-03-12) the whole document	1

☐ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

* Special categories of cited documents:

- *A* document defining the general state of the art which is not considered to be of particular relevance
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- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the international filing date but later than the priority date claimed

T later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

X document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

Y document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art

& document member of the same patent family

Date of the actual completion of the international search

7 April 2004

Date of mailing of the international search report

19/04/2004

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2
NL - 2280 HV Rijswijk
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,
Fax: (+31-70) 340-3016

Authorized officer

Dogueri, K.

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

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Patent document cited in search report		Publication date	Patent family member(s)		Publication date
EP 0059774	B	15-09-1982	EP DE	0059774 A1 3174869 D1	15-09-1982 31-07-1986
DE 10019612	A	31-10-2001	DE	10019612 A1	31-10-2001
US 6356853	B1	12-03-2002	AU CA EP JP WO	6225500 A 2380267 A1 1203202 A1 2003505684 T 0107871 A1	13-02-2001 01-02-2001 08-05-2002 12-02-2003 01-02-2001